

IN THE CLAIMS

Please add new claims 58-63.

58. A method of coating a medical device, comprising:
providing a medical device;
providing a coating material containing a metal alloy; and
using a cold spray process to apply a variable thickness coating of the metal alloy
onto the medical device.

59. The method of claim 58, further including varying the thickness of the
metal alloy coating along a length of the medical device.

B 1 60. The method of claim 58, wherein providing the medical device includes
forming the medical device into a stent.

61. A method of coating a medical device, comprising:
providing a medical device;
providing a coating material containing a metal alloy; and
using a cold spray process to apply a coating of the metal alloy onto the medical
device such that the coating has an average grain size of less than thirty-two microns.